

**In the United States Patent and Trademark Office**

Serial Number: \_\_\_\_\_

Appn. Filed: \_\_\_\_\_

Applicant(s): Naum Sapozhnikov

Appn. Title: Airport Concrete Pavement with the Preset strength Safety...

Examiner/GAU: \_\_\_\_\_

Mailed: \_\_\_\_\_

At: \_\_\_\_\_

**Information Disclosure Statement**

Commissioner for Patents

Alexandria VA 22313-1450

Sir:

Attached is a completed Form PTO/SB/08(A&B) and copies of the pertinent parts of the references cited thereon. Following are comments on any non-English-language references pursuant to Rule 98:

**Sapozhnikov N.** (Strength Safety of Precast Reinforced Concrete and Prestressed Structural Members, Moscow, 1989) consider test results of thousands of precast reinforced and prestressed concrete members designed according to the Russian building code, produced and tested on the Russian plants of precast concrete. These test results were used for the estimation of the strength safety level of real structural members.

**Sapozhnikov N.** (Safety of Precast Reinforced Concrete and Prestressed Structural Members by the Second Limit State, Moscow, 1991) consider the safety of the prestressed flexural members in terms of cracking resistance basing on the test results of precast prestressed concrete members and on the statistical investigation of the flexural strength in connection with the compressive strength of concrete. This investigation was carried out by the processing of results of 3,650 series of American test of standard concrete cylinders and beams and 1,107 series of modified cubes and standard beams.

Very respectfully,

Applicant(s): N. Sapozhnikov

Enc.: PTO-1449 & References

c/o: Naum Sapozhnikov  
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Date: 200 \_\_\_\_\_, Applicant

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PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO		<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number		
		Filing Date		
		First Named Inventor	<i>Noum Sapozhnikov</i>	
		Group Art Unit		
		Examiner Name		
Sheet		of	Attorney Docket Number	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		Sapozhnikov N. Strength Safety of Precast Reinforced Concrete and Prestressed Structural Members. State Committee of Construction of the USSR Institute of Information, Moscow, 1989	
		Sapozhnikov N. Safety of Precast Reinforced Concrete and Prestressed Structural Members by the Second Limit State (Serviceability Limit State). State Committee of Construction of the USSR Institute of Information, Moscow, 1991	
		MacGregor J.G., Mirza S.A., Ellingwood B., Statistical Analysis of Resistance of Reinforced and Prestressed Concrete Members. American Concrete Institute Journal, Proceedings vol.80 May-June 1983/No. 3 pp. 167-176.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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